

BOSTON
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

| | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |
|--------------------------------|------------|------------|------------|
| <u>Bladder, Urinary</u> | | | |
| Male | 265.41 | 233 | 88 #- |
| Female | 114.84 | 93 | 81 #- |
| Total | 380.25 | 326 | 86 ~- |

| | | | |
|--|--------|-----|-------|
| <u>Brain and Other Central Nervous System</u> | | | |
| Male | 98.22 | 81 | 82 |
| Female | 90.57 | 78 | 86 |
| Total | 188.79 | 159 | 84 #- |

| | | | |
|----------------------|---------|------|-------|
| <u>Breast</u> | | | |
| Male | 17.13 | 18 | 105 |
| Female | 1833.66 | 1673 | 91 ^- |
| Total | 1850.79 | 1691 | 91 ^- |

| | | | |
|----------------------------|--------|-----|--------|
| <u>Cervix Uteri</u> | | | |
| Female | 135.74 | 167 | 123 #+ |

| | | | |
|------------------------------|---------|------|--------|
| <u>Colon / Rectum</u> | | | |
| Male | 669.70 | 730 | 109 #+ |
| Female | 742.46 | 775 | 104 |
| Total | 1412.16 | 1505 | 107 #+ |

| | | | |
|-------------------------|--------|-----|--------|
| <u>Esophagus</u> | | | |
| Male | 93.13 | 130 | 140 ^+ |
| Female | 37.73 | 58 | 154 ~+ |
| Total | 130.86 | 188 | 144 ^+ |

| | | | |
|---------------------------------|--------|-----|----|
| <u>Hodgkin's Disease</u> | | | |
| Male | 59.17 | 57 | 96 |
| Female | 48.02 | 44 | 92 |
| Total | 107.19 | 101 | 94 |

| | | | |
|---------------------------------------|--------|-----|-----|
| <u>Kidney and Renal Pelvis</u> | | | |
| Male | 154.69 | 153 | 99 |
| Female | 104.11 | 119 | 114 |
| Total | 258.80 | 272 | 105 |

| | | | |
|----------------------|-------|-----|--------|
| <u>Larynx</u> | | | |
| Male | 90.67 | 124 | 137 ~+ |

| | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |
|--------------------------------|------------|------------|------------|
| <u>Melanoma of Skin</u> | | | |
| Male | 172.81 | 157 | 91 |
| Female | 155.53 | 128 | 82 #- |
| Total | 328.33 | 285 | 87 #- |

| | | | |
|--------------------------------|-------|-----|--------|
| <u>Multiple Myeloma</u> | | | |
| Male | 48.59 | 51 | 105 |
| Female | 51.02 | 68 | 133 #+ |
| Total | 99.61 | 119 | 119 |

| | | | |
|--------------------------------------|--------|-----|--------|
| <u>Non-Hodgkin's Lymphoma</u> | | | |
| Male | 235.45 | 299 | 127 ^+ |
| Female | 219.99 | 224 | 102 |
| Total | 455.43 | 523 | 115 ~+ |

| | | | |
|---------------------------------------|--------|-----|--------|
| <u>Oral Cavity and Pharynx</u> | | | |
| Male | 176.35 | 251 | 142 ^+ |
| Female | 94.88 | 124 | 131 ~+ |
| Total | 271.23 | 375 | 138 ^+ |

| | | | |
|---------------------|--------|-----|-------|
| <u>Ovary</u> | | | |
| Female | 225.03 | 188 | 84 #- |

| | | | |
|------------------------|--------|-----|-----|
| <u>Pancreas</u> | | | |
| Male | 99.85 | 99 | 99 |
| Female | 120.21 | 121 | 101 |
| Total | 220.06 | 220 | 100 |

| | | | |
|------------------------|---------|------|--------|
| <u>Prostate</u> | | | |
| Male | 1553.32 | 1724 | 111 ^+ |

| | | | |
|-----------------------|--------|-----|--------|
| <u>Stomach</u> | | | |
| Male | 115.24 | 166 | 144 ^+ |
| Female | 81.39 | 79 | 97 |
| Total | 196.64 | 245 | 125 ^+ |

| | | | |
|----------------------|-------|----|-------|
| <u>Testis</u> | | | |
| Male | 96.25 | 72 | 75 #- |

| | | | |
|--------|--------|-----|--------|
| Female | 27.61 | 38 | 138 |
| Total | 118.28 | 162 | 137 ^+ |

Leukemia

| | | | |
|--------|--------|-----|----|
| Male | 123.77 | 111 | 90 |
| Female | 104.76 | 98 | 94 |
| Total | 228.53 | 209 | 91 |

Liver and Intrahepatic Bile Ducts

| | | | |
|--------|-------|-----|--------|
| Male | 53.35 | 75 | 141 ~+ |
| Female | 25.17 | 33 | 131 |
| Total | 78.52 | 108 | 138 ~+ |

Lung and Bronchus

| | | | |
|--------|---------|------|--------|
| Male | 831.73 | 1053 | 127 ^+ |
| Female | 708.14 | 780 | 110 ~+ |
| Total | 1539.87 | 1833 | 119 ^+ |

Thyroid

| | | | |
|--------|--------|-----|--------|
| Male | 40.24 | 37 | 92 |
| Female | 114.61 | 138 | 120 #+ |
| Total | 154.85 | 175 | 113 |

Uteri, Corpus and Uterus, NOS

| | | | |
|--------|--------|-----|----|
| Female | 339.15 | 305 | 90 |
|--------|--------|-----|----|

All Sites / Types

| | | | |
|--------|----------|-------|--------|
| Male | 5392.11 | 6172 | 114 ^+ |
| Female | 5806.68 | 5822 | 100 |
| Total | 11198.79 | 11994 | 107 ^+ |

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels